



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

Client	USACE New Bedford Office	Date	March 1, 2017		
Project	New Bedford Harbor Superfund Site	Project No.	35BG1001		
Prepared By	Steve Sills	Note No.	619		
Subject	New Bedford Harbor - Client Update Meeting				
Participants	(* Denotes Part Time Participation)	Distribution (attendees plus)	See below		
Client	<u>EPA</u>	<u>MassDEP</u>	<u>Jacobs</u>	<u>Battelle</u>	
Kevin Coleman	Dave Dickerson	Garry Waldeck	Anita Rigassio Smith	Deirdre Dahlen	
Peter Hugh	Abdul Tahlil		Mark Gouveia	Patty White	
Marie Esten	Dave Lederer	<u>Sevenson</u>	Steve Sills	Jessica Tenzar	
Nate Mangelson		Joe Mahoney	Steve Fox		
Tim Rezendes					
Ellen Iorio					
Bob Christie					

### SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	Weather is warming but temperatures will fluctuate significantly. Thunderstorms are possible today.
<b>Site Maintenance</b>	Water to all hydrants is back on. Procurement is working on hot water heater replacement at Area D. Repairs to the Area D main gate will be performed with in house personnel and equipment.

Distribution: Participants; **Jacobs**: Document Control File, Beth Anderson, Mike Anderson, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Al Hardesty, Debra Hickman, Alison Hutchinson, Will Kenyon, Craig Kish, Mike Morris, Jim Piccuito, Greg Scott, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Poinciana Willis, Mary Wright; **Sevenson**: Mike Crystal, Joe Mahoney **USACE**: Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Paiva, Ellen Iorio, Sheila Winston-Vincilla, Peter Hugh, Steve Wolf, Marie Esten, Nate Mangelson; **EPA**: Cynthia Catri, David Peterson, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshaiiah Barczynski; **MADEP**: Paul Craffey, Garry Waldeck; **Battelle**: Deirdre Dahlen, Jessica Tenzar, Patricia White **KOWEN**: Debi Heims; **Lally Consulting**: John Lally  
ACE-J23-35BG1001-P4-0109



CALL IN NUMBER: (b) (5), (b) (6)  
 PARTICIPANT CODE: (b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
 New Bedford, MA 02746  
 508-996-5462  
 508-996-6742  
 www.jacobs.com

*completing 1<sup>st</sup> round pass this week; ready for 2<sup>nd</sup> pass*

### JACOBS FIELDWORK DMUs/CAD CELL (Current 3/1/17)

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results	Confirmation Sampling	Confirmation Sampling Results	Progress Bathy Survey	Final Bathy Survey	Date Area Cleared	Notes
MU-25	26,401	5,179										Started 2/21/17
MU-28 (North)	13,027	13,405	1/24/17	2/17/17	Round 1 2/2-3/17	2/7/17 (preliminary IA)			2/21/17			Dredging completed, 4 locations re-dredged.
MU-28 (Central)					Round 2 2/8 and 2/10/17	2/13/17 (preliminary IA)						
MU-28 (South)					Round 3 2/14 and Round 4 2/20/17	2/21/17 (preliminary IA)						
A34		6,377	10/31/16	11/3/16	11/17/16, 12/6/16 (2 <sup>nd</sup> round), 1/16/17 (3 <sup>rd</sup> round)	Complete preliminary IA posted 1/5/17 (2 <sup>nd</sup> round) and 1/17/17 (3 <sup>rd</sup> round)	11/17/16, 12/6/16 (2 <sup>nd</sup> round), 1/16/17 (3 <sup>rd</sup> round)	1/5/17 (1 <sup>st</sup> and 2 <sup>nd</sup> round, pre-validated; CDA mean = 19.8 mg/kg) 2/15/17 (3 <sup>rd</sup> round; pre-validated)		2/1/17		Heart of Darkness area 3 <sup>rd</sup> round: A34-04 and A34-06.
A36, B36	7,860 (subtidal)	4,965 (subtidal)	12/15/16		12/28/16 (A36, 1 <sup>st</sup> round), 1/16/17 (A36, 2 <sup>nd</sup> round), 1/19/17 (A36-09, 3 <sup>rd</sup> round) 2/20/17 (A36-07, 4 <sup>th</sup> round)	1/5/17 (1 <sup>st</sup> round, preliminary), 1/17/17 (2 <sup>nd</sup> round, preliminary), 1/20/17 (A36-09, preliminary)	12/28/16 (A36, 1 <sup>st</sup> round), 1/16/17 (A36, 2 <sup>nd</sup> round), 1/20/17 (A36, 3 <sup>rd</sup> round)	2/15/17 (pre-validated, A36 only)	1/17/17			Moby Dick 3 <sup>rd</sup> round: A36-09. Piles have been delivered. Install piles w/o 3/6/17. One location redredged.



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)  
(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results	Confirmation Sampling	Confirmation Sampling Results	Progress Bathy Survey	Final Bathy Survey	Date Area Cleared	Notes
					round)	2/21/17 (preliminary IA)						
37C												Need to move moorings
37D												Perform with 37C
CAD Cell	—	—	—	—	—	—	—	—	Week of 2/7	—	—	Track Progress Survey date

→ DL to discuss w/ E.F.

### OTHER FIELDWORK

Action	Date	Notes
CAD Cell Curtain Inspections - Eastern fisheries boats floated free & damaged some curtain sections	Ongoing	Curtain will be replaced by FFP Contractor at start of contract. Based on Jacobs/SES inspection, seven piles were missing and all curtain sections are in need of replacement. SES replaced seven missing curtain sections closest to the sediment transfer area and entrance gate. Jacobs/SES will take inventory of the sections/lengths onsite and make recommendations for ordering new sections. Note that lead time is approximately six weeks. Jacobs evaluating driving piles during pile installation at MU 36.
PMC shoreline excavation - 12 hr days in CutinC - 5 or 6 days remaining for N shore	Ongoing	Loadout from the DDA was not completed this week. Sheet pile installation was completed. The on water excavator was down yesterday and today; expected to restart north shore excavation on Thursday, (3/2). Approximately 5 days remain along the northern shore, and then focus will shift to cove within cove.
Aerovox 21e Project	Ongoing	There continues to be no activity at the site. days
Upper Harbor Dredging	1/16/17	Dredging ongoing in MU-25. Approximately 3 weeks to complete first pass.
Inventory of site monitoring wells		Jacobs has installed new caps/locks on all but one well; last cap on order.
Pipeline Relocation	March	Working on revisions based on comments. Schedule will be provided once comments have been incorporated.
Pile installation for docks at Moby Dick Marina - mob M or Fri	week of 3/6/17	The piles have been delivered. The owner will put the docks in the water one week before the installation is initiated, which is anticipated to be the week of March 6.

then fix LMCC piles

### SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor) <i>yesterday; no exceedences</i>	MU25	in situ turbidity only	N/A	N/A	Boat-based WQM is being conducted today (3/1/17) in the Upper Harbor (MU25); WQM not scheduled this week for the Lower Harbor.
Near shore CDA Confirmatory Sampling	1/16/17 (A-34)	IA Congener	1/17/17 2/15/17	3/13/17	Data validation of PCB congener results for A34-04 and A34-06 (collected 1/16/17) in progress; validation should be complete by 3/13/17.
Moby Dick Verification/Confirmatory Sampling	12/28/16 1/16/17 1/19/17	IA IA IA Congener	1/6/17 1/17/17 1/20/17 2/15/17	3/13/17	Data validation of PCB congener results in progress; validation should be complete by 3/13/17.  PCB congener analysis of A36-07 (collected 2/20/17) in progress; pre-validated data should be available next week.
MU28 Verification Sampling	2/2-3/17 2/8, 2/10 2/14/17, 2/20/17	IA IA IA	2/7/17 2/13/17 2/21/17		Verification sampling complete. Confirmatory samples are identified in Lower Harbor Sediment FSP Addendum #4.  In process of identifying the subset of verification locations to be resampled to assess potential recontamination.
Pierce Mill Cove Verification/Confirmatory Sampling <i>- tomorrow N shore from land;</i>	12/14/16 12/20/16 12/27/16 1/25/27	IA IA IA IA Congener	12/20/16 1/10/17 1/4/16 1/31/17 2/15/17	3/13/17	Data validation of PCB congener results for west shoreline samples in progress; validation should be complete by 3/13/17.
Parcel 265 Sediment Sampling	2/10/17	IA	2/13/17		PCB congener analysis of sample 265-C19 (collected 2/10/17) in progress; pre-validated data should be available next week.
Upper Harbor Subtidal Data Gap Sampling	2/21-24/17	IA			Sample collection and core processing completed Friday 2/24/17. IA samples transferred to Jacobs (Mary) for analysis; archive samples transferred to Battelle for frozen storage.  Several cores may not have reached clean; locations may need to be resampled pending review of IA data.

*next wk for any N shore samples needed by boat*





CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street

New Bedford, MA 02746

508-996-5462

508-996-6742

www.jacobs.com

### MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Aerovox 21e Project – Phase III RAP	Ongoing	EPA awaiting responses to comments submitted to MassDEP on the Phase III Remedial Action Plan and the IRA status report #7 on 9/19. MassDEP sent a dispute letter to AVX with a response date in mid-February.
City of New Bedford Update	Ongoing	Final Pierce Mill Cove Plans will be provided to CoNB (Michelle) electronically.
Super JTI	Ongoing	In November, 2016, Jacobs (Steve F.) provided table presenting potential positions to EPA (Dave L). Dave has submitted to EPA JTI Lead and has been in contact with headquarters. In addition, EPA (Dave L.) has been talking with the DPW for potential positions for Super JTI, which he will discuss during meeting with CoNB (Michele) today.
Cleanup Strategy Meeting	TBD	USACE (Ellen) and Jacobs (Anita) working on meeting schedule.
Fence at Parcel 265	Ongoing	City needs to walk the site and let Jacobs know whether they want the fence put back and where. Jacobs (Mark) to follow up with CoNB.
Marsh Island	Ongoing	EPA (Dave L) will contact the cemetery and inform them that site personnel will be in the area. Jacobs (Mark) will recon the area and identify access points and any issues. Jacobs will mark up a figure showing the areas to be remediated and share with the EPA (Dave D) and the rest of Team. Jacobs will then prepare a work plan for remediation and restoration.
Riverwalk Discussion with CoNB	TBD	

### DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B1	Intertidal Phase 2 Study Report	Battelle	10/12/16 (Final – 1/20/16)	1/20/17	Dickerson, Lederer	Phase 2 report will be finalized after letters to property owners are finished to ensure consistency. Dave L will review Ginny's comments and inform Battelle if he intends to respond.
B2	2016 Groundwater Monitoring Tech Memo <i>RL/SL to Don L. &amp; day for backcheck</i>	Battelle	Draft 12/9/16 Final w/o 3/6/17	1/20/17	Lewis, Stanley	Comments received from USACE (1/9/17) and EPA (1/25/17).



CALL IN NUMBER: (b) (5), (b) (6)  
PARTICIPANT CODE: (b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B3	Lower Harbor Sediment FSP Addendum #4 (MU25/MU28 CDA)	Battelle	Draft 2/28/17	3/8/17	Esten, Lewis, Rezendes, Lederer, Rigassio-Smith, Craffey	MADEP (Craffey) review complete (no comments).
B4	Comparison Study of high resolution and low resolution Homolog analysis. <i>- now proceeding with low res [only?]</i>	Battelle/AECOM	Draft 3/10/17		Lewis, Lederer	Email recommendation scheduled 3/1; preparation of letter report documenting results of method comparison evaluation in progress.
B5	2017 Upper Harbor Sediment Monitoring FSP	Battelle	Draft Final 2/24/17		Esten, Lewis, Lederer, Jacobs	Draft Final FSP and RTCs submitted this week on 2/24. Mike Morris and Dion need to backcheck comments.
B6	Outer Harbor Data Report	Battelle	Draft w/o 4/10/17		Rezendes, Lewis, Lederer	Report preparation in progress.
J1	Aerovox Nearshore Data Gap Boring Report <i>- all comments rec'd - no date yet for final</i>	Jacobs	1/20/17	3/8/17	Dickerson	Document sent (1/26/17). Jacobs received comments from Corps, waiting on EPA comments.
J2	Pierce Mill Cove Restoration Plan MOR <i>done! (review)</i>	Jacobs	MOR2 and DF 3/3/17		Rezendes, Penko, Dickerson, Waldeck	Jacobs (Anita) to send EPA (Dave D.) MassDEP (Gary) comments.
J3	MU-25 Work Plan Addendum, RCL <i>- Marie to back-check?</i>	Jacobs	Draft 2/17/17 RCL 3/3/17	3/8/17	Iorio, Rezendes, Lederer, Lally, Esten, Barczynski	Additional comments received from Lally and EPA.
J4	Between the Bridges <i>m/r</i>	Jacobs	TBD		Iorio, Rezendes, Lederer, Lally, Esten	



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)  
(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
J5	Upper Harbor Dredge Plan for LHCC	Jacobs	MOR2 3/6/17 DF 3/10/17		Iorio, Rezendes, Lederer, Lally, Esten, Waldeck	MOR2 and DF to be submitted together.
J6	Parcel 265 After Action Report, RCL <i>back-check Garry comments</i>	Jacobs	RCL 3/1/17 Final 3/29	RCL b/c 3/15/17		EPA (Dave D) to backcheck comments.
J7	Existing Debris Map for City of NB	Jacobs	TBD			Will be completed after debris operations are complete.
J8	2014/2015 Ambient Air Report RCLs	Jacobs	2/15/17	3/3/17	Lewis, Lederer, AECOM	USACE (Ellen) to check with Lewis and AECOM on status.
J9	Dive plan for pipe relocation	Jacobs	3/3/17			
J10	Comprehensive Plan Milestones	Jacobs	3/3/17	---	---	Being developed. Meet with Ellen to discuss prior to submission.
J11	Phase II Archeological Investigation Summary Report Delivery dates	Jacobs/ CR/PAL	Interim Memorandum (1/31/17) Draft Arch. Report (early March 2017) Final Arch. Report (30 days after receipt of agency comments)	2/15/17 (Interim)	Karen Lumino	EPA (Dave L) will check on EPA (Karen) comments. Dates for Draft and Final may shift depending on extent of comments.
J12	David Robinson to complete Shipwreck 2 Memo	Jacobs/CR	3/31/17	2/22/17	Karen Lumino	Comments have been forwarded to David Robinson. Waiting on response
J13	Archeological Disposition Spreadsheet	Jacobs, CR, PAL	TBD			This week, Jacobs will submit a FCN to Kevin C. Estimated 5 weeks to complete.
J14	Intertidal WP for Marsh Island	Jacobs	3/17/17			
J15	Generic WP for UH Hybrid	Jacobs	4/7/17			



CALL IN NUMBER: (b) (5), (b) (6)  
PARTICIPANT CODE: [REDACTED]

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
	Dredging/Cable Crossing					
J16	Update Fish Passage Plan	Jacobs	3/23/17			Jacobs (Josh) incorporating comments from USACE (Marie).
U1	CAD Cell Slope Monitoring and Consolidation	USACE	Ongoing	NA	Rezendes	CAD survey to be performed at completion of 1 <sup>st</sup> pass at MU-25. Jacobs (Mark) to provide a date.
U2	Resource Agency Coordination Letter	USACE				Out for signature next week.
E1	Fate and Transport Model Letter Report	ERDC	3/17/17		Iorio, USACE PDT, Bergen, Barczyski	Report update.

## AIR MONITORING

Event	Samples Collection	Unvalidated Results	Validated results	Notes
Dec Ambient Air Sampling	12/1 and 12/2 (PMC), 12/6 and 12/7 (Lower Harbor)	High Res (1/27)	Y	The initial PMC sampling round consisted of both low resolution and high resolution homolog ambient air sampling methods at four (4) locations.
Jan Ambient Air Sampling	1/10 and 1/11 (PMC), Upper Harbor (1/25 and 1/26)	Low Res (1/31) High Res (2/17)	N	The PMC sampling event included both low and high resolution homolog ambient air sampling methods at four (4) locations. According to USACE (Ellen), the goal is to transition to low resolution method.
Low Resolution Homolog Air Data	1/12 and 1/13 (PMC)	High and Low Res (1/12 and 13)	N	USACE (Ellen) requested that the Low Resolution Homolog air data be placed in the Battelle database.
Feb Ambient Air Sampling	Week of 2/20 (PMC) Week of 2/27 (LH)	High Res (2/23) TBA	N	
March Ambient Air Sampling	Week of 3/6 (LH)	Low Res		Schedule will be provided upon date confirmation. EPA requested that this event be Low Res only.
July/Aug Area C VOC sampling (Summa)				Per EPA (Elaine) request, this sampling event will be conducted at Area C in the area surrounding Cell #1.





CALL IN NUMBER: (b) (5), (b) (6)  
PARTICIPANT CODE: (b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

### RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
17-1 and 17-3/Mike Panagakos	Before dredging of BtB	Subtidal/Intertidal	EPA (Lederer) provided a tentative schedule for mid-2017 through 2018 remediation. Waiting for signed ROE – Dave L. continuing efforts to reach owner.
Robichaud		Archeology	EPA (Barczyski) will distribute.
Cemetery	Early April	Intertidal	The EPA attorney is talking with the cemetery about potential access to the Intertidal areas through the cemetery.
Marsh Island	Early April	Intertidal	Jacobs to recon site for access considerations.
Revised Moby Dick	Early April	Intertidal	EPA (Dickerson) is coordinating with owners.
LH Properties - Miguel	TBD	Intertidal	

### CONTRACT ACTIONS

Contract	Date	Notes
TERC TO# 1, 6, 7, 8 Incentive Fees	3/30/17	Final action is with Contracting.
TERC TO# 1, 6, 8 Closeout	3/30/17	Final action is with Contracting.
Bathymetric Survey Contract for FFP Contract	3/10/17	Award.
Battelle modification	3/13/17	Two contract actions: one for additional core sampling (in contracting) and another for water quality monitoring (in progress)
RAC Task Order	3/17/17	Negotiations have been finalized. Jacobs (Steve F) provided additional backup to USACE (Kevin).